Arpit Jadon

6397534499 | tarpit324@gmail.com | linkedin | leetcode | github

EDUCATION

Noida Institute of Engineering and Technology   Greater Noida, UP
B.Tech - CSE (Data Science), **CGPA: 8.7**   *2022 – 2026*

Sirsaganj Public School   Firozabad, UP
CBSE Board - 10th and 12th   *2019 – 2021*

PROJECTS

AI Chatbot | *Python, Aiogram, Gemini API*   Git
  - Developed a Telegram chatbot using Aiogram and the Gemini API for intelligent responses.
  - Implemented asynchronous handling to improve response time and scalability.
  - Integrated NLP techniques for better user interaction.

Text Summarization Web App | *Python, Flask, HuggingFace, GitHub Actions, Docker, AWS*   Git
  - Built a Flask-based web application for abstractive text summarization using the Pegasus model from HuggingFace Transformers.
  - Implemented CI/CD pipeline using GitHub Actions for automated testing, build, and deployment.
  - Containerized the app using Docker and deployed it on AWS EC2, ensuring seamless user access and performance.
  - Integrated web UI for input text and dynamic result display. Followed best practices for model loading and memory efficiency.

Shredder Machine Safety System | *Python, OpenCV, Edge Detection*   Git
  - Developed a safety mechanism for a shredder machine to prevent hand injuries.
  - Implemented computer vision to detect hands and enforce two safety lines.
  - Designed an automatic shutdown feature upon detecting potential hazards.

EXPERIENCE

Data Science and Machine Learning Internship   Aug 2023
YBI Foundation   *Credential ID: DF8J47JFMS2GT*
  - Built machine learning models for sentiment analysis and classification using Python and TensorFlow. Gained hands-on experience with data preprocessing, model building, and evaluation.
  - Learned key ML algorithms, EDA techniques, and data visualization using Python.

TECHNICAL SKILLS

Languages: Java, Python, SQL, HTML/CSS, R .
Frameworks: Flask, FastAPI, TensorFlow, OpenCV, Aiogram, Selenium, WordPress .
Developer Tools: Git, MySQL, MongoDB, Docker, Tableau, Jupyter Notebook, CI/CD, Virtualenv/Conda, GCP, VS Code, PyCharm, IntelliJ, Eclipse .
Libraries: pandas, NumPy, Matplotlib, Scikit-Learn, NLTK, Selenium, Aiogram .

CERTIFICATES

Python for Data Science, AI And Development | *IBM*   May 2023
  - Credential ID: 36AFRVV4TLPA

Programming using Java | *Infosys Springboard*   Oct 2023
  - Credential ID: 0ozBcmyogQ4

Data Analysis with Python | *IBM*   Nov 2023
  - Credential ID: GYKMAQDR2E46

Microsoft AI Skills Challenge | *Microsoft*   Jan 2024
  - Completed AI skills challenge by Microsoft.